

Methyl acetate
79-20-9 | DTXSID4021767

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.87	0.81	0.87	0.82	0.86	0.86

Model Results

Predicted value: 1.34 mol/L

Global applicability domain: Inside

Local applicability domain index: 7.95e-01

Confidence level: 7.34e-01

Nearest Neighbors from the Training Set

Image not found

Methyl acetate

Measured: 3.28

Predicted: 1.34

Image not found

Ethyl formate

Measured: 1.19

Predicted: 1.23

Image not found

Methyl propanoate

Measured: 7.08e-01

Predicted: 5.03e-01

Image not found

Methyl acrylate

Measured: 5.74e-01

Predicted: 4.29e-01

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Vinyl acetate

Measured: 2.32e-01

Predicted: 3.66e-01